

10/009980

1

SEQUENCE LISTING

<110> CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS

<120> MOLECULAR METHODS FOR DETECTING GUAR GUM ADDITIONS  
TO LOCUST BEAN GUM

<130> PATENT APPLICATION PCT/ES01/00079

<140> PCT/ES01/00079

<141> 2001-03-02

<150> ES2000000560

<151> 2000-03-08

<160> 10

<170> PatentIn Ver. 2.1

<210> 1

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of the Artificial Sequence:oligo ITS5

<400> 1  
ggaagtaaaa gtcgtaacaa gg 22

<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of the Artificial Sequence:oligo ITS3

<400> 2  
gcatcgatga agaacgcagc 20

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of the Artificial Sequence:oligo ITS4

<400> 3  
tcctccgctt attgatatgc 20

<210> 4  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Description of the Artificial Sequence:oligo PG21

<400> 4

gctgCGttct tcatcgatgc

20

<210> 5  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Description of the Artificial Sequence:oligo ITS2

<400> 5

tccaaaacaa gatggagtcg

20

<210> 6  
 <211> 19  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Description of the Artificial Sequence:oligo PG22

<400> 6

tgCctgggCG tCGCGGtc

19

<210> 7  
 <211> 345  
 <212> DNA  
 <213> Cyamopsis tetragonoloba

<220>

<221> primer\_bind

<222> Complement((2)..(23))

<220>

<221> primer\_bind

<222> (325)..(344)

<400> 7

tggaaggaga agtcgtaaca aggtttccgt aggtgaacct gcggaaggat cattgtcgat 60  
 gcctcacaag cagtcCGacc cgtgaacttg ttttgcttat ttaggggttg tttggggcgt 120  
 gtcaaaaacac gccgaccttc ctttggttg gagttgtctg ccttgCGtg ctttctctta 180  
 gcctttaaca aaccacCG cgctacacgc gccaaaggaaa cttactntt ctgtgCGccc 240  
 ttgccagccc ggtaacggtg ctgtgtaggt tgngtttaga tacatgaatc aaaatgactc 300  
 tcggcaacg atatctcggc tctCGcatcg atgaagaacg cagca 345

<210> 8  
 <211> 343  
 <212> DNA  
 <213> *Ceratonia siliqua*

<220>  
 <221> primer\_bind  
 <222> (2)..(23)

<220>  
 <221> primer\_bind  
 <222> Complement((323)..(342))

<400> 8  
 tggaaggaga agtcgtaaca aggttttcgt aggtgaacct gtggaaggat cattgtcgat 60  
 gcctcacaaa acgaacgacc tgcgaattgg ttaaaactatc gggggcgggg ggcgtgcgtc 120  
 ctccaagcc tccatgtcgg gaggcgcctg tggccccccg ccactcgtgc tacctcgacc 180  
 aaaaaactaa ccctggcggt taacgcgcca aggaactaca accagtgagc gtgctcccga 240  
 tgacctggta acggcgatcg atcgatgagc gtcgtgacat tcttatccaa aatgactctc 300  
 ggtaacggat atctcggctc tcgcatcgat gaagaacgca gca 343

<210> 9  
 <211> 405  
 <212> DNA  
 <213> *Cyamopsis tetragonoloba*

<220>  
 <221> primer\_bind  
 <222> Complement((2)..(21))

<220>  
 <221> primer\_bind  
 <222> (385)..(404)

<400> 9  
 tgcacgatg aagaacgcag cgaaatgcga tacttggtgt gaattgcaga atcccgcgaa 60  
 ccttcgagtc tttgaacgca agttgcgccc gaagccatta ggccgagggc acgcctgcct 120  
 gggcgtcgcy cgtcggttgcc ctaactcgga cgtctcattt ggtgtcggtg agtggcgaat 180  
 gttggcttcc cagagcggt gcctcatggt tgggtgaaat tcgagtcctg ggtggaggat 240  
 gccacgattg atatggtggt tgagtaatta gctcgagacc catcgtgagc gactccatct 300  
 tgttttgac tctttgaccc acatgagcat ctccgatgct cgttacgaga cctcagggtca 360  
 gacgggggta cccgctgagt ttaagcatat caataagcgg aggaa 405

<210> 10  
 <211> 410  
 <212> DNA  
 <213> *Ceratonia siliqua*

<220>  
 <221> primer\_bind  
 <222> (2)..(23)

<220>  
 <221> primer\_bind  
 <222> Complement((385)..(404))

<400> 10  
 tgcâtcgatg aagaacgcag cgaaatgcaa tacttggtgt gaattgcaga atcttggtgaa 60  
 ccatcaagtc tttgaacaca agttgtgccc gaagccatca agccgaaggc acgtctgcct 120  
 ggggtgtcaca cactgtcgcc cccaccccggt ggcctctcgc gtggcttcga ggaatgggca 180  
 gattatggcc ttccgtgagc ttcgcccttat ggatggccca aaagagagtt cgcggtggcg 240  
 actgccacga cgcacggtgg atgagcaaag actcaagacc agtcgtgcaa gtgtcatacc 300  
 cgggattgcg ctcgagagacc cttcagcatc gcgaggtgca tatgcctcga acgggaccct 360  
 aagtcaggcg gggctactcg ctgagtttaa gcatatcaat aagcggagga 410